



Philips
LCD monitor

42"

multimedia WXGA

BDL4221V



Robust Display for Demanding Applications

Control your costs with this rugged network-controllable 42" LCD monitor. Whether used in a network, a tiled matrix or as a single public display, this model offers a variety of features to meet the most demanding applications

Optimized for public viewing

- Wide format WXGA 1366 x 768 resolution for sharper display
- Brightness automatically adjusts with ambient conditions

Designed for public areas

- Robust metal bezel and metal backcover
- Security feature prevents unauthorized control

Operational flexibility for different applications

- Monitor is network controllable for remote management
- Enhanced zoom feature supports tiled matrix applications
- VGA loop through enables daisy chaining to multiple monitors
- Portrait mode operability
- Quiet and reliable fanless operation

Lower total cost of ownership

- Intelligent power management for lower consumption
- No permanent burn-in when static information is displayed

PHILIPS
sense and simplicity

Specifications

Picture/Display

- LCD panel type:** 1366 x 768 pixels, Anti-glare polarizer
- Panel Size:** 42" / 106.7cm
- Aspect ratio:** 16:9
- Pixel pitch:** 0.227 x 0.681 mm
- Brightness:** 600 cd/m²
- Contrast ratio (typical):** 1200:1
- Display colors:** 16.7 Million colors
- Viewing angle (H / V):** 178 / 178 degree
- Response time (typical):** 10 ms
- Recommended Resolution:** 1366 x 768 @ 60Hz
- Horizontal Scanning Frequency:** 30 - 63 kHz
- Vertical Scanning Frequency:** 56 - 75 Hz
- Picture enhancement:** 3D Combfilter, De-interlacer, Picture in Picture, Progressive Scan

Supported Display Resolution

Computer formats

Resolution	Refresh rate
640 x 480	60, 75Hz
720 x 400	70Hz
800 x 600	60, 75Hz
1024 x 768	60, 75Hz
1280 x 768	60Hz
1360 x 768	60Hz

Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576p	50Hz
576i	50Hz
720p	50, 60Hz
1080i	50, 60Hz

Connectivity

- PC:** 3.5 mm PC audio input x1, DVI-D with HDCP, RS232 D-Sub9, RS232 D-sub9 output, VGA-in D-Sub 15HD, VGA-out D-Sub 15HD
- AV input:** Component (YPbPr) x1, Audio (L/R) for YPbPr x1, Composite (CVBS) x1, Audio (L/R) x1, S-video x1, SCART x1
- AV output:** Composite (CVBS) x1, Audio (L/R) x1
- Audio output:** Stereo Audio (3.5 mm jack) 1x, External loudspeaker connector

Convenience

- Picture in Picture:** 1 tuner PIP, Double window
- Convenience Enhancements:** Automatic Brightness Control, Automatic Overheat Warning, On-screen Display
- OSD Languages:** English, French, German, Italian, Spanish, Simplified Chinese
- Detachable Audio:** 2x10 W RMS Speakers
- Onboard Operating Controls:** Hidden controls
- Other convenience:** Cable management, Carrying handles, Kensington lock
- Plug & Play Compatibility:** sRGB, Windows 98/ME/2000/XP
- Network controllable:** RS232
- VESA Mount:** 600 x 400 mm
- Regulatory Approvals:** C-Tick, CE Mark, FCC-B, UL, CSA, MPRII, TÜV/GS

Power

- Consumption:** typ. 140 W (PC)
- Power supply:** Built-in, 90-264 VAC, 50/60 Hz
- Sleep Mode:** <3W

Dimensions

- Dimensions (w/o base & speakers) (W x H x D):** 1052 x 644 x 150 mm
- Width (with speakers):** 1272 mm
- Set dimensions in inch (W x H x D):** 42.42 x 25.76 x 5.91 inch
- Width (with speakers) (inch):** 50.079 inch
- Weight:** 31 kg
- Product weight (lb):** 68.34
- MTBF:** 50,000 hrs
- Temperature (operation):** 0°C to +35°C
- Temperature range (operation):** 32°F to 95°F
- Relative humidity:** 5% - 90%

Accessories

- Included Accessories:** Speakers (L/R), Table top stand (2 feet), DVI-D cable, VGA cable, Remote Control, Battery, AC Power Cord
- User Guide on CD-ROM

Miscellaneous

- Warranty:** 3 year
- Bezel:** metallic anthracite

Product highlights

WXGA 1366 x 768 resolution

The wide format of XGA resolution LCD panel is capable of displaying 1366 x 768 pixels; WXGA allows monitors to be non-interlaced to ensure a better display performance and accurate color display effect.

Automatic brightness control

The adjustment of display settings to correspond with ambient light without user intervention.

Robust metal bezel

Specially designed for demanding public applications, the metal bezel offers higher durability and protection against vandalism. Anodized paint is used to offer extra protection of the bezel against scratches.

No unauthorized control

The local controls of the display are placed in such a way that they are less visible for immediate access.

Furthermore the remote control sensor and the keypad on the display can be disabled via RS232 in order to prevent unauthorized control of the display when placed in a public space.

Network controllability: RS232

Network controllability allows user to control and adjust monitors remotely through RS232 protocol.

Zoom function for tiled matrix

The internal zoom function enables easy implementation of a video wall matrix, without the need for expensive external equipment. Capable of 2x2, 3x3, 4x4 and 5x1 configurations.

Signal loop through

Multiple screen daisy chain effectively distributes control and visual content from a single source to an array of monitors in various locations within a site.

Portrait mounting possible

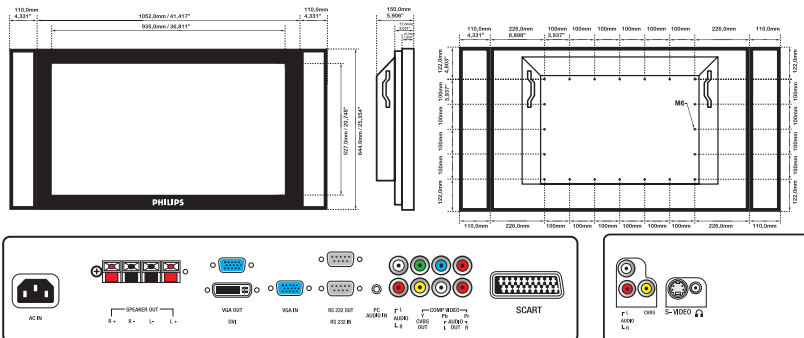
This display is also able to be safely and reliably mounted in portrait position.

Fanless operation

A system without fans is quiet and doesn't collect dust inside the monitor. No moving parts inside the monitor will thus improve the reliability of the product.

Intelligent power management

Intelligent power management employs energy-efficient technologies in product design to reduce power consumption and significantly lower the total cost of ownership.



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